

CLAIMS

1. A method for encoding a digital video signal (VS), said digital video signal comprising at least a scene cut (CUT) followed by a set of images characterized in that said method comprises the steps of:
 - Localizing said scene cut (CUT),
 - Defining a sub-set of visually non-relevant images (IS) within said set of images, and
 - Issuing a set of encoded visually non-relevant images (IS') from said set of visually non-relevant images (IS) by calculating said set of encoded visually non-relevant images (IS') from a visually relevant image ($I(t_0+2)$) located after said scene cut (CUT).
- 5 10 2. A method for encoding a digital video signal (VS) as claimed in claim 1, characterized in that the calculation of said set of encoded visually non-relevant images (IS') is done by computing an encoded visually relevant image ($I'(t_0+2)$) from said visually relevant image ($I(t_0+2)$) and by duplicating said encoded visually relevant image ($I'(t_0+2)$) so as to form the set of encoded visually non-relevant images (IS').
- 15 3. A method for encoding a digital video signal (VS) as claimed in claim 1, characterized in that the set of encoded visually non-relevant images (IS') is calculated using a general coarse motion compensation of said visually relevant image ($I(t_0+2)$).
- 20 4. A computer program product for an encoder (ENC), comprising a set of instructions, which, when loaded into said encoder (ENC), causes the encoder (ENC) to carry out the method as claimed in claims 1 to 3.
- 5 25 6. A computer program product for a computer, comprising a set of instructions, which, when loaded into said computer, causes the computer to carry out the method as claimed in claims 1 to 3.
- 30 6. A video encoder (ENC) for processing a digital video signal (VS), said video signal comprising at least a scene cut (CUT) followed by a set of visually non-relevant images (IS), characterized in that it comprises:
 - Localization means (M1) for localizing said scene cut (CUT),

- Definition means (M2) for defining a sub set of visually non-relevant images (IS) within said set of images, and
- Calculation means (M3) for issuing a set of encoded visually non-relevant images (IS') from the set of visually non-relevant images (IS), said set of encoded visually non-relevant images (IS') being calculated from a visually relevant image ($I(t0+2)$) located after said scene cut (CUT).

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7. A video encoder (ENC) for encoding a digital video signal (VS) as claimed in claim 6, characterized in that said calculation means (M2) issue a set of encoded visually non-relevant images (IS') by computing an encoded visually relevant image ($I'(t0+2)$) from said visually relevant image ($I(t0+2)$) and by duplicating said encoded visually relevant image ($I'(t0+2)$) so as to form said set of encoded visually non-relevant images.

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8. A video encoder for processing a digital video signal (VS) as claimed in claim 6, characterized in that said calculation means (M2) issue a set of processed images by means of a general coarse motion compensation of said visually distinguishable image ($I(t0+2)$).

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9. A video communication system comprising a video encoder (ENC), which is able to receive a digital video signal (VS), said signal being processed by the encoder (ENC) as defined in claim 6.

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